

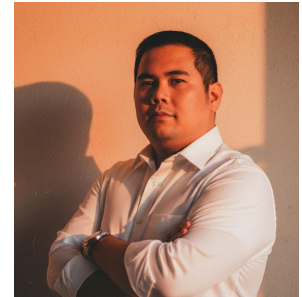
LEO PAUL PANERIO

Solutions Architect

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PROFESSIONAL SUMMARY

Software & Solutions Architect who bridges the gap between complex business requirements and highly scalable, production-ready engineering. I have dedicated the defining years of my career to **CloudPay**, architecting global Fintech SaaS platforms and leading AI-first transformations, building upon a rigorous foundation in high-frequency trading.

Operating with a **high-agency mindset**—taking absolute ownership of system architecture, team delivery, and cross-functional integration. As the APAC engineering leader for CloudPay, I oversee distributed teams across the region to ensure enterprise-grade, zero-downtime deployments. I am brought in to accelerate time-to-market, architect secure revenue-generating features, and evolve legacy infrastructures into resilient, high-performance web products.

TECHNICAL EXPERTISE & BUSINESS VALUE

- **Cloud & Enterprise Architecture:** AWS (Lambda, RDS, S3, API Gateway), Docker, CI/CD, Microservices. *(Outcome: Architecting zero-downtime, highly scalable environments optimized for rapid deployment).*
- **Backend Systems & Data Integrity:** Node.js (Architectural Oversight), JavaEE, PostgreSQL (Schema Design & Optimization), RESTful APIs, WebSockets. *(Outcome: Engineering secure, low-latency financial routing and complex data processing).*
- **Frontend Ecosystems:** React, Vue.js, Angular, TypeScript. *(Outcome: Providing architectural code review and structural guidance to ensure enterprise-grade UI performance and security).*
- **AI Integration:** LLM Implementation, Agentic Frameworks, Prompt Engineering. *(Outcome: Transitioning legacy systems into modern, revenue-generating AI solutions).*
- **Engineering Leadership:** High-agency ownership of SDLC, Agile/Scrum, and remote team mentorship across the APAC region.

PROFESSIONAL EXPERIENCE

CloudPay | *Remote / Hybrid* **Software and Solutions Architect** | *[Month, Year] – Present*

- **Fintech Solutions Architecture:** Architect and own the end-to-end technical delivery of global payroll and payment processing platforms. Design complex **PostgreSQL** database schemas to seamlessly support high-volume, multi-market financial transactions.
- **AI-Driven Revenue Initiatives:** Lead the company's AI integration strategy. Build and deploy agentic frameworks and LLM-powered tools that directly upgrade legacy enterprise operations into highly competitive, client-facing solutions.
- **Full-Stack Governance:** Direct the architectural standards for frontend and backend engineering squads utilizing **React, Node.js, Vue, and Angular**. Guarantee all system integrations meet rigorous enterprise security (OAuth, JWT) and low-latency performance standards.
- **Cloud & CI/CD Optimization:** Provision and scale cloud infrastructure on **AWS**. Collaborate closely with DevOps to eliminate deployment bottlenecks, optimize Docker containerization, and accelerate overall feature delivery.
- **APAC Engineering Leadership:** Manage, mentor, and establish technical roadmaps for a distributed team of Tech Leads and Software Engineers, cultivating a culture of high accountability and strict code quality.

DeNA Travel | *Remote / Hybrid* **Lead Software Developer** | *Apr 2017 – [Month, Year]*

- Took full operational ownership of software development, deployment pipelines, and DevOps infrastructure for business-critical, high-traffic travel SaaS applications.
- Led a cross-functional team, enforcing uncompromised code quality standards through strict code reviews, automated testing implementation, and resilient branching strategies.
- Executed aggressive database query optimizations and deep architectural refactoring, substantially driving down application response times and eliminating system instability.

Datalex Plc | *On-site (Wuhan & Beijing) / Remote* **Software Developer** | *Oct 2015 – Mar 2017*

- Engineered complex backend features and API integrations for enterprise B2B clients, successfully executing a massive on-site deployment for a Fortune 500 partner in China.
- Designed fault-tolerant data models and managed database transactions to ensure absolute data integrity across international environments.
- Delivered a highly critical software integration project against an aggressive timeline, directly resulting in the highest project ROI for the company in 2016.

Betica Technologies Inc. | *Manila, Philippines* **Senior Software Developer** | *May 2015 – Jul 2015*

- Architected backend services for an Online Live Casino platform, engineering real-time, high-availability data feeds for the front-end web team via RESTful frameworks.
- Implemented WebSocket integrations to sustain continuous, ultra-low-latency communication with overseas game server providers.

New York Stock Exchange (NYSE) Technologies | Manila, Philippines FIX Product Integration Engineer (Fintech) | Aug 2010 – May 2015

- Delivered Tier-2/Tier-3 engineering support and custom development for high-volume financial liquidity products (Appia, TradeScope, cRouter) utilized by top-tier global financial institutions.
- Diagnosed and resolved deeply complex architectural and data flow bottlenecks within multi-market, high-frequency trading platforms.
- Authored custom plugins and automated test scripts, guaranteeing strict adherence to the highest standards of financial security and execution speed.

EDUCATION

Bachelor of Science in Computer Science De La Salle University, Dasmariñas, Cavite, Philippines

Java Programming 1 and 2 Informatics Institute, Alabang, Philippines